

**CODEBOOK
BAY AREA PROJECT
ORGANIZATIONS
1992**

*V = insufficient variance
M = lots of missing data*

Data gathered January thru April 1992

VARIABLE NUMBER	LINE NUMBER	COLUMN NUMBER	CONCEPT	VARIABLE	QUESTION AND MEASURE
VAR001	1	1 - 3	IDENTIFICATION NUMBER	ORGANIZATIONAL IDENTIFICATION	Organizational identification number can range from 001 to 169.
VAR001 c			IDENTIFICATION	ORGANIZATIONAL IDENTIFICATION	Organizational identification (Total N = 169) 1 = 001 - 054 = Business (N = 54) 2 = 055 - 069 = Chinese Business (N = 15) 3 = 070 - 080 = Federal Government (N = 11) 4 = 081 - 094 = State Government (N = 14) 5 = 095 - 106 = Alameda County (N = 12) 6 = 107 - 118 = Santa Clara County (N = 12) 7 = 119 - 126 = Sonoma County (N = 8) 8 = 127 - 141 = San Francisco County (N = 15) 9 = 142 - 152 = Oakland City (N = 11) 10 = 153 - 162 = San Jose City (N = 10) 11 = 163 - 166 = Santa Rosa City (N = 4) 12 = 167 - 169 = San Francisco City (N = 3)
VAR002	1	4	BUSINESS TYPE	BUSINESS TYPE	Business number 0 = Not a business organization 1 = Banking and Lending 2 = Service 3 = Manufacturing 4 = Health and Medical 5 = Retail 6 = Development 7 = Transportation 8 = High Technology 9 = Chinese Business
VAR003	1	5	RISK	COUNTY AREA	County 1 = San Francisco (Medium risk = 5) 2 = Alameda (High risk = 12) 3 = Santa Clara (Low risk = .5) 4 = Sonoma (Medium risk = 5) 5 = Other
VAR004	1	6	INTERVIEWER	INTERVIEWER	Interviewer 1 = Jo Darlington 2 = Colleen Fitzpatrick 3 = Paul O'Brien 4 = Dennis Miletic or DRC

VARIABLE NUMBER	LINE NUMBER	POSITION NUMBER	CONCEPT	VARIABLE	QUESTION AND MEASURE
VAR005	1	7	DOMAIN	RESPONSIBILITIES	Q1. Please tell me what tasks or responsibilities your (agency/dept/office) has concerning earthquake preparedness, response, or mitigation for this (city/county)? 0 = no, do not have responsibility 1 = yes, have responsibilities
VAR006	1	8	DOMAIN	ORGANIZATIONAL FOCUS	Same question as VAR005 0 = no responsibility to organization 1 = organization focused
VAR007	1	9	DOMAIN	COMMUNITY FOCUS	Same question as VAR005 0 = no responsibility to community 1 = community focused
VAR008			DOMAIN	ORGANIZATION AND COMMUNITY FOCUS	Total number of domains of responsibility VAR006 + VAR007 Interval level [range: 0 - 2]
VAR009	1	10	DOMAIN	PREPAREDNESS RESPONSIBILITY	Same question as VAR005 0 = no responsibility for preparedness 1 = preparedness responsibility
VAR010	1	11	DOMAIN	MITIGATION RESPONSIBILITY	Same question as VAR005 0 = no responsibility for mitigation 1 = mitigation responsibility
VAR011			DOMAIN	PREPAREDNESS AND MITIGATION RESPONSIBILITY	Total number of domains of responsibility VAR009 + VAR010 Interval level [range: 0 - 2]
VAR012			DOMAIN	ORG. AND COMM. MIT. AND PREP.	Total number of domains of responsibility VAR006 + VAR007 + VAR009 + VAR010 Interval level [range: 0 - 4]
VAR013	1	12	RESPONSIBILITY	IMPORTANCE	Q2. Considering all of the tasks and responsibilities that your (agency/department/office) has, relatively speaking, how important would you say that earthquake readiness activities are? Are they: 3 = Very important 2 = Important 1 = Unimportant 0 = Not important at all

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VAR014			RESPONSIBILITY	IMPORTANCE	Q2. Considering all of the tasks and responsibilities that your (agency/department/office) has, relatively speaking, how important would you say that earthquake readiness activities are? Are they: 0 = Important, Unimportant or Not Important at all 1 = Very Important
✓ VAR015	OUT		RESPONSIBILITY	IMPORTANCE	Same question as VAR014 0 = Unimportant or Not Important at all 1 = Very Important or Important
✓ VAR016	OUT		RESPONSIBILITY	IMPORTANCE	Same question as VAR014 0 = Not Important at all 1 = Very Important, Important or Unimportant
VAR017	1	13	RESPONSIBILITY	IMPORTANCE CHANGE	Q3. Has this importance increased, stayed the same or decreased in the past year-and-a half? 2 = Increased 1 = Stayed the Same 0 = Decreased
VAR018			RESPONSIBILITY	IMPORTANCE CHANGE	Same question as VAR017 0 = Stayed the same or Decreased 1 = Increased
✓ VAR019	OUT		RESPONSIBILITY	IMPORTANCE CHANGE	Same question as VAR017 0 = Decreased 1 = Stayed the same or Increased
VAR020	1	14-16	RESOURCES	PEOPLE	Q4. How many people in your (agency/dept/office) work on earthquake related activities? Interval level [range: 0 - ???] If less than one record as one. If Q1 = 0, then Q4 = 0. All else record as reported.
✓ VAR021	OUT		RESOURCES	PEOPLE	Same question as VAR020 0 = none or don't know 1 = one or some

VARIABLE NUMBER	LINE NUMBER	POSITION NUMBER	CONCEPT	VARIABLE	QUESTION AND MEASURE
VAR022	1	17	RESOURCES	PEOPLE CHANGE	Q5. Has this number increased, stayed the same or decreased in the past year-and-a-half? 0 = Decreased 1 = Stayed the same 2 = Increased
VAR023			RESOURCES	PEOPLE CHANGE	Same question as VAR023 0 = Decreased or stayed the same 1 = Increased
VAR024	OUT		RESOURCES	PEOPLE CHANGE	Same question as VAR023 0 = Decreased 1 = Increased or Stayed the same
VAR025	1	18	RESOURCES	BUDGET ADEQUACY	Q7. How would you describe the adequacy of the funds you have available to carry out the earthquake related responsibilities and programs that you're charged with? Are they: 3 = Very adequate 2 = Adequate 1 = Inadequate 0 = Very inadequate
VAR026	OUT		RESOURCES	BUDGET ADEQUACY	Same question as VAR025 0 = Adequate Inadequate or Very Inadequate 1 = Very Adequate
VAR027			RESOURCES	BUDGET ADEQUACY	Same question as VAR025 0 = Inadequate or Very inadequate 1 = Adequate or Very Adequate
VAR028	OUT		RESOURCES	BUDGET ADEQUACY	Same question as VAR025 0 = Very Inadequate 1 = Inadequate Adequate or Very Adequate
VAR029	1	19	EXPERIENCE	EFFECT	Q8. How was (AGENCY NAME) effected by the Loma Prieta earthquake? 0 = Not effected 1 = Effected

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VAR030	1	20	EXPERIENCE	INVOLVEMENT	Q8a. What was your (agency's/dept's/office's) involvement in response, relief, or recovery activities? 0 = not involved 1 = involved in response relief or recovery
VAR031	1	21	EXPERIENCE	INVOLVEMENT	Same question as VAR030 0 = not involved in response 1 = involved in response
VAR032	1	22	EXPERIENCE	INVOLVEMENT	Same question as VAR030 0 = not involved in relief 1 = involved in relief
VAR033	1	23	EXPERIENCE	INVOLVEMENT	Same question as VAR030 0 = not involved in recovery 1 = involved in recovery
VAR034	1	24	EXPERIENCE	DAMAGE	Q8b. What kind of damage to your physical facilities occurred? 0 = none 1 = cosmetic 2 = major
VAR035			EXPERIENCE	DAMAGE	Same question as VAR034 0 = not major 1 = major
VAR036			EXPERIENCE	DAMAGE	Same question as VAR034 0 = none 1 = some
VAR037	1	25	EXPERIENCE	INJURY	Q8c. What kind of employee injuries occurred? 0 = no injuries 1 = injuries
VAR038	1	26	EXPERIENCE	ECONOMIC EFFECT	Q8d. How did it effect your (agency/dept /office) economically? 0 = no effect 1 = some effect

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VAR039	1	27	PREPAREDNESS	EMERGENCY PLAN	Q9. First, does your (agency/dept/office) have an emergency disaster plan that specifically includes earthquake disaster response? 0 = don't have any disaster plan 1 = have plan, no earthquake component 2 = have earthquake plan
VAR040			PREPAREDNESS	EMERGENCY PLAN	Same question as VAR039 0 = don't have any disaster plan or have plan, no earthquake component 1 = have earthquake plan
VAR041	1	28	PREPAREDNESS	PLAN DEVELOPED PRE LOMA PRIETA (Oct. 19, 1989)	Q9a1. When was that plan first developed? 0 = plan not developed pre-Loma Prieta 1 = plan developed pre-Loma Prieta
VAR042	1	29	PREPAREDNESS	PLAN DEVELOPED POST L.P./PRE-INSERT (Oct. 20, 1989 to Sept. 9, 1990)	When was that plan first developed? 0 = plan not developed post Loma Prieta but pre-insert 1 = plan developed post Loma Prieta but pre-insert
VAR043	1	30	PREPAREDNESS	PLAN DEVELOPED POST INSERT (Sept. 10, 1990)	When was that plan first developed? 0 = plan not developed post insert 1 = plan developed post insert
VAR044	1	31	PREPAREDNESS	PLAN UPDATE	Q9a2. Has the plan been updated or revised since 1989? 0 = plan not updated 1 = plan updated
VAR045	1	32	PREPAREDNESS	PLAN UPDATE POST L.P BUT PRE-INSERT	Has the plan been updated or revised since 1989? 0 = plan not updated post L.P. but pre-insert 1 = plan updated post L.P. but pre-insert
VAR046	1	33	PREPAREDNESS	PLAN UPDATE POST INSERT	Has the plan been updated or revised since 1989? 0 = plan not updated post insert 1 = plan updated post insert

VARIABLE NUMBER	LINE NUMBER	POSITION NUMBER	CONCEPT	VARIABLE	QUESTION AND MEASURE
VAR047	1	34	PREPAREDNESS	MUTUAL AID	Q10. Has your (agency/dept/office) established arrangements with other agencies, organizations, or communities for mutual aid and support during disaster; for example, to share personnel, facilities or equipment? 0 = no 1 = yes
VAR048	1	35	PREPAREDNESS	MUTUAL AID DEVELOPED PRE LOMA PRIETA	Q10a1. When were these [arrangements] first developed? 0 = not developed pre Loma Prieta 1 = developed pre Loma Prieta
VAR049	1	36	PREPAREDNESS	MUTUAL AID DEVELOPED POST LOMA PRIETA BUT PRE INSERT	When were these [arrangements] first developed? 0 = not developed post Loma Prieta but pre-insert 1 = developed post Loma Prieta but pre-insert
VAR050	1	37	PREPAREDNESS	MUTUAL AID DEVELOPED POST INSERT	When were these [arrangements] first developed? 0 = not developed post insert 1 = developed post insert
VAR051	1	38	PREPAREDNESS	MUTUAL AID UPDATE	Q10a2. Have these arrangements been updated or revised since 1989? 0 = no 1 = yes
VAR052	1	39	PREPAREDNESS	MUTUAL AID UPDATE POST LOMA PRIETA BUT PRE INSERT	Have these arrangements been updated or revised since 1989? When? 0 = arrangements not updated post Loma Prieta but pre insert 1 = arrangements updated post Loma Prieta but pre insert
VAR053	1	40	PREPAREDNESS	MUTUAL AID UPDATE POST INSERT	Have these arrangements been updated or revised since 1989? When? 0 = arrangements not updated post insert 1 = arrangements updated post insert

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VAR054	1	41	PREPAREDNESS	DRILLS	Q11. Has your (agency/dept/office) carried out or participated in any earthquake drills or exercises for your own personnel? 0 = no 1 = yes
VAR055	1	42	PREPAREDNESS	DRILLS PRIOR TO LOMA PRIETA	Q11a1. How long has your agency been involved in such activities? 0 = not involved prior to Loma Prieta 1 = involved prior to Loma Prieta
VAR056	1	43	PREPAREDNESS	DRILLS POST LOMA PRIETA BUT PRE-INSERT	Q11a1. How long has your agency been involved in such activities? 0 = not involved post Loma Prieta but pre-insert 1 = involved post L.P. but pre-insert
VAR057	1	44	PREPAREDNESS	DRILLS POST INSERT	How long has your agency been involved in such activities? 0 = not involved post insert 1 = involved post insert
VAR058	1	45	PREPAREDNESS	DRILLS NUMBER POST LOMA PRIETA BUT PRE INSERT	How many times since 1989 have you been involved in an exercise or drill? Interval level [range: 0 - 9]
VAR059	1	46	PREPAREDNESS	DRILLS NUMBER POST INSERT	How many times since 1989 have you been involve in an exercise or drill? Interval level [range: 0 - 9]
VAR060			PREPAREDNESS	DRILLS TOTAL NUMBER HELD	How many times since 1989 have you been involved in an exercise or drill? VAR058 + VAR059 Interval level [range: 00 - 18]
VAR061	1	47	PREPAREDNESS	TRAINING	Q12. Has your (agency/dept/office) conducted or been involved in any earthquake preparedness or response training programs for your own personnel? 0 = no 1 = yes

VARIABLE NUMBER	LINE NUMBER	POSITION NUMBER	CONCEPT	VARIABLE	QUESTION AND MEASURE
VAR062	1	48	PREPAREDNESS	TRAINING PRIOR TO LOMA PRIETA	Q12a1. How long has your agency been involved in such activities? 0 = not involved prior to Loma Prieta 1 = involved prior to Loma Prieta
VAR063	1	49	PREPAREDNESS	TRAINING POST LOMA PRIETA BUT PRE INSERT	Q12a1. How long has your agency been involved in such activities? 0 = not involved post Loma Prieta but pre-insert 1 = involved post L.P. but pre-insert
VAR064	1	50	PREPAREDNESS	TRAINING POST INSERT	How long has your agency been involved in such activities? 0 = not involved post insert 1 = involved post insert
VAR065	1	51	PREPAREDNESS	TRAINING NUMBER POST LOMA PRIETA BUT PRE INSERT	Q12a2. How many times since 1989 have you had a training program of this type? Interval level [range: 0 - 9]
VAR066	1	52	PREPAREDNESS	TRAINING POST INSERT	How many times since 1989 have you had a training program of this type? Interval level [range: 0 - 9]
VAR067			PREPAREDNESS	TRAINING TOTAL NUMBER HELD	How many times since 1989 have you had a training program of this type? VAR065 + VAR066 Interval level [range: 0 - 18]
VAR068	1	53	PREPAREDNESS	STOCKPILE	Q13. Has your (agency/dept/office) stockpiled emergency supplies for your own use in earthquake disasters; for example, having spare parts, office supplies, fuel and batteries, food and water stored? 0 = no 1 = yes
VAR069	1	54	PREPAREDNESS	STOCKPILE INJURY AND DEATH RELATED SUPPLIES	Please tell me what supplies you've stockpiled. 0 = not injury and death related 1 = injury and death related

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VAR070	1	55	PREPAREDNESS	STOCKPILE PRIOR TO LOMA PRIETA	Q13a1. When did you begin maintaining a stockpile of emergency supplies? 0 = not maintained prior to Loma Prieta 1 = maintained prior to Loma Prieta
VAR071	1	56	PREPAREDNESS	STOCKPILE POST LOMA PRIETA BUT PRE INSERT	When did you begin maintaining a stockpile of emergency supplies? 0 = not maintained post L.P. but pre insert 1 = maintained post L.P. but pre insert
VAR072	1	57	PREPAREDNESS	STOCKPILE POST INSERT	When did you begin maintaining a stockpile of emergency supplies? 0 = not maintained post insert 1 = maintained post insert
VAR073	1	58	PREPAREDNESS	STOCKPILE TYPES CHANGED	Q13a2. Since 1989, have you changed the types or amounts of supplies you stockpile? 0 = no, types not changed 1 = yes types changed
VAR074	1	59	PREPAREDNESS	STOCKPILE AMOUNTS CHANGED	Q13a2. Since 1989, have you changed the types or amounts of supplies you stockpile? 0 = no, amounts not changed 1 = yes, amounts changed
VAR075	1	60	PREPAREDNESS	STOCKPILE HOW AMOUNTS CHANGED (3 CATEGORIES)	Q13a2. How have these supplies changed? [AMOUNTS] 0 = decreased amounts stockpiled 1 = no change in amounts stockpiled 2 = increased amounts stockpiled
VAR076			PREPAREDNESS	STOCKPILE HOW AMOUNTS CHANGED (2 CATEGORIES)	How have these supplies changed? [AMOUNTS] 0 = no change or amount decreased 1 = increased amounts
VAR077	1	61	PREPAREDNESS	STOCKPILE CHANGE PRIOR TO LOMA PRIETA	Q13a2. When did you put this change into effect? 0 = no change prior to Loma Prieta 1 = change occurred prior to Loma Prieta

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VAR078	1	62	PREPAREDNESS	STOCKPILE CHANGE POST LOMA PRIETA BUT PRE INSERT	Q13a2. When did you put this change into effect? 0 = no change post L.P. but pre insert 1 = change occurred post L.P. but preinsert
VAR079	1	63	PREPAREDNESS	STOCKPILE CHANGE POST INSERT	When did you put this change into effect? 0 = no change occurred post insert 1 = change occurred post insert
VAR080	1	64	INFORM	INFORM OTHERS	Q14. Has (AGENCY) informed other agencies, organizations, or the general public about earthquake risk or what to do about it? 0 = no 1 = yes
VAR081	1	65	INFORM	INFORMED OTHERS PRIOR TO LOMA PRIETA	Q14a1. When did you begin such activities? 0 = did not inform others prior to L.P. 1 = informed others prior to L.P.
VAR082	1	66	INFORM	INFORMED OTHERS POST LOMA PRIETA BUT PRE INSERT	When did you begin such activities? 0 = did not inform others post Loma Prieta but pre insert 1 = informed others post Loma Prieta but pre insert
VAR083	1	67	INFORM	INFORMED OTHERS POST INSERT	When did you begin such activities? 0 = did not inform others post insert 1 = informed others post insert
VAR084	1	68	INFORM	ACTIVITIES CHANGE SINCE 1989	Q14a2. Since 1989, have these activities changed? 0 = no 1 = yes
VAR085	1	69	INFORM	HOW CHANGED SINCE 1989	Q14a2. Since 1989, have these activities changed? How? 0 = decreased 1 = stayed the same 2 = increased
VAR086			INFORM	HOW CHANGED SINCE 1989	Same question as VAR085 0 = decreased or stayed the same 1 = increased

VARIABLE NUMBER	LINE NUMBER	POSITION NUMBER	CONCEPT	VARIABLE	QUESTION AND MEASURE
VAR087			INFORM	HOW CHANGED SINCE 1989	Same question as VAR085 0 = decreased 1 = increased or stayed the same
VAR088	1	70	INFORM	CHANGED ACTIVITY POST LOMA PRIETA BUT PRE INSERT	Q14a2. Since 1989, have these activities changed? When? 0 = no change post L.P. but pre insert 1 = changed post L.P. but pre insert
VAR089	1	71	INFORM	CHANGED ACTIVITY POST INSERT	Same question as VAR088. When? 0 = no change post insert 1 = changed post insert
VAR090	1	72	PREPAREDNESS	OTHER	Q15. Has anything else been done to prepare your (agency/dept/office) to respond to an earthquake, for example, purchasing special equipment? 0 = no 1 = yes
XOXOX			PREPAREDNESS	OTHER	Q15a. And what else have you done? Fit into one of the previous categories.
VAR091			PREPAREDNESS	TOTAL NUMBER OF PREPAREDNESS ACTIONS TAKEN	Total number of preparedness actions taken. VAR040 + VAR047 + VAR054 + VAR061 + VAR068 Interval level [range: 0 - 5]
VAR092			PREPAREDNESS	TOTAL NUMBER OF PREPAREDNESS ACTS TAKEN PRIOR TO LOMA PRIETA	Total number of preparedness actions taken prior to Loma Prieta. VAR041 + VAR048 + VAR055 + VAR062 + VAR070 Interval level [range: 0 - 5]
VAR093			PREPAREDNESS	TOTAL NUMBER OF PREPAREDNESS ACTS TAKEN POST LOMA PRIETA BUT PRE INSERT	Total number of preparedness actions taken post Loma Prieta but pre insert. VAR042 + VAR049 + VAR056 + VAR063 + VAR071 Interval level [range: 0 - 5]
VAR094			PREPAREDNESS	TOTAL NUMBER OF PREPAREDNESS ACTS TAKEN POST INSERT	Total number of preparedness actions taken post insert. VAR043 + VAR050 + VAR057 + VAR064 + VAR072 Interval level [range: 0 - 5]

VARIABLE NUMBER	LINE NUMBER	POSITION NUMBER	CONCEPT	VARIABLE	QUESTION AND MEASURE
VAR095	2	1	ABILITY TO STRUCTURALLY MITIGATE	OWNERSHIP OF BUILDING	FOR BUSINESSES ONLY: Determine from response to Q16 if organization owns the building(s) or not. 0 = no ownership or not a business 1 = yes organization owns building(s)
VAR096	2	2	MITIGATION	STRUCTURAL ASSESSMENT	Q16. Has your (agency/dept/office) undertaken or considered undertaking any of these activities? A. Had your buildings and physical facilities evaluated by an engineer for seismic resistance. 0 = no 1 = yes
VAR097	2	3	MITIGATION	STRUCTURAL ASSESSMENT PRIOR TO LOMA PRIETA	Q16Aa. Same question as VAR096. When? 0 = no assessment prior to Loma Prieta 1 = assessment prior to Loma Prieta
VAR098	2	4	MITIGATION	STRUCTURAL ASSESSMENT POST LOMA PRIETA BUT PRE INSERT	Same question as VAR096 above. When? 0 = no assessment done post Loma Prieta but pre insert 1 = assessment done post Loma Prieta but pre insert
VAR099	2	5	MITIGATION	STRUCTURAL ASSESSMENT POST INSERT	Same question as VAR096 above. When? 0 = no assessment done post insert 1 = assessment done post insert
VAR100	2	6	MITIGATION	STRUCTURAL REHABILITATION	Q16. Has your (agency/dept/office) undertaken or considered undertaking any of these activities? B. Had your buildings structurally strengthened or reinforced for seismic reasons. 0 = no 1 = yes

VARIABLE NUMBER	LINE NUMBER	POSITION NUMBER	CONCEPT	VARIABLE	QUESTION AND MEASURE
VAR101	2	7	MITIGATION	STRUCTURAL REHABILITATION PRIOR TO LOMA PRIETA	Q16. Has your (agency/dept/office) undertaken or considered undertaking any of these activities? When? B. Had your buildings structurally strengthened or reinforced for seismic reasons. Q16Ba. When? 0 = no rehabilitation or reinforcement done prior to Loma Prieta 1 = rehabilitation or reinforcement done prior to Loma Prieta
VAR102	2	8	MITIGATION	STRUCTURAL REHABILITATION POST LOMA PRIETA BUT PRE INSERT	Q16Ba. Same question as VAR101 above. When? 0 = no rehabilitation or reinforcement done post Loma Prieta but pre insert 1 = rehabilitation or reinforcement done post Loma Prieta but pre insert
VAR103	2	9	MITIGATION	STRUCTURAL REHABILITATION POST INSERT	Same question as VAR101 above. When? 0 = no rehabilitation or reinforcement done post insert 1 = rehabilitation or reinforcement done post insert
VAR104	2	10	MITIGATION	NON-STRUCTURAL REHABILITATION	Q16. Has your (agency/dept/office) undertaken or considered undertaking any of these activities? C. Made changes to the physical systems within your buildings (ceilings, piping, etc.) to make them seismically resistant. 0 = no 1 = yes
VAR105	2	11	MITIGATION	NON-STRUCTURAL REHABILITATION PRIOR TO LOMA PRIETA	Q16Ca. Same question as VAR104 above. When? 0 = no changes to the physical systems prior to Loma Prieta 1 = changes to the physical systems prior to Loma Prieta

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VAR106	2	12	MITIGATION	NON-STRUCTURAL REHABILITATION POST LOMA PRIETA BUT PRE INSERT	Same question as VAR104 above. When? 0 = no changes to the physical systems post Loma Prieta but pre insert 1 = changes to the physical systems post Loma Prieta but pre insert
VAR107	2	13	MITIGATION	NON-STRUCTURAL REHABILITATION POST INSERT	Q16. Has your (agency/dept/office) undertaken or considered undertaking any of these activities? C. Made changes to the physical systems within your buildings (ceilings, piping, etc.) to make them seismically resistant. Q16Ca. When? 0 = no changes to the physical systems post insert 1 = changes to the physical systems post insert
VAR108	2	14	MITIGATION	CONTENTS PROTECTION	Q16. Has your (agency/dept/office) undertaken or considered undertaking any of these activities? D. Taken actions to protect the contents of your building (office equipment and furniture, computers, vehicles, etc.) from an earthquake. 0 = no 1 = yes
VAR109	2	15	MITIGATION	CONTENTS PROTECTION PRIOR TO LOMA PRIETA	Q16Da. Same question as VAR108 above. When? 0 = no actions taken to protect contents prior to Loma Prieta 1 = actions taken to protect contents prior to Loma Prieta
VAR110	2	16	MITIGATION	CONTENTS PROTECTION POST LOMA PRIETA BUT PRE INSERT	Same question as VAR108 above. When? 0 = no actions taken to protect contents post Loma Prieta but pre insert 1 = actions taken to protect contents post Loma Prieta but pre insert

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VAR111	2	17	MITIGATION	CONTENTS PROTECTION POST INSERT	Same question as VAR108 above. When? 0 = no actions taken to protect contents post insert 1 = actions taken to protect contents post insert
VAR112	2	18	MITIGATION	VACATED/MOVED FACILITY	Q16. Has your (agency/dept/office) undertaken or considered undertaking any of these activities? E. Vacated unsafe buildings or moved personnel and equipment to more seismically resistant structures. 0 = no 1 = yes
VAR113	2	19	MITIGATION	VACATED/MOVED FACILITY PRIOR TO LOMA PRIETA	Q16Ea. Same question as VAR112 above. When? 0 = did not vacate or move prior to Loma Prieta 1 = did vacate or move prior to Loma Prieta
VAR114	2	20	MITIGATION	VACATED/MOVED FACILITY POST LOMA PRIETA BUT PRE INSERT	Same question as VAR112 above. When? 0 = did not vacate or move post Loma Prieta but pre insert 1 = did vacate or move post Loma Prieta but pre insert
VAR115	2	21	MITIGATION	VACATED/MOVED FACILITY POST INSERT	Same question as VAR112 above. When? 0 = did not vacate or move post insert 1 = did vacate or move post insert
VAR116	2	22	MITIGATION	EARTHQUAKE INSURANCE	Q16. Has your (agency/dept/office) undertaken or considered undertaking any of these activities? F. Purchased earthquake insurance. 0 = no 1 = yes

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✓ VAR117	2	23	MITIGATION	EARTHQUAKE INSURANCE PRIOR TO LOMA PRIETA	Q16Fa. Same question as VAR116 above. When? 0 = not purchased prior to Loma Prieta 1 = purchased prior to Loma Prieta
✓ VAR118	2	24	MITIGATION	EARTHQUAKE INSURANCE POST LOMA PRIETA BUT PRE INSERT	Q16. Has your (agency/dept/office) undertaken or considered undertaking any of these activities? F. Purchased earthquake insurance. Q16Fa. When? 0 = not purchased post Loma Prieta but pre insert 1 = purchased post Loma Prieta but pre insert
✓ VAR119	2	25	MITIGATION	EARTHQUAKE INSURANCE POST INSERT	Same question as VAR116 above. When? 0 = not purchased post insert 1 = purchased post insert
VAR120	2	26	MITIGATION	HAZMAT STORAGE	Q16. Has your (agency/dept/office) undertaken or considered undertaking any of these activities? G. Taken action to store any hazardous materials or substances in a safer manner. 0 = no 1 = yes
VAR121	2	27	MITIGATION	HAZMAT STORAGE PRIOR TO LOMA PRIETA	Q16Ga. Same question as VAR120 above. When? 0 = not stored prior to Loma Prieta 1 = stored prior to Loma Prieta
✓ VAR122	2	28	MITIGATION	HAZMAT STORAGE POST LOMA PRIETA BUT PRE INSERT	Same question as VAR120 above. When? 0 = not stored post Loma Prieta but pre insert 1 = stored post Loma Prieta but pre insert

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VAR123	2	29	MITIGATION	HAZMAT STORAGE POST INSERT	Same question as VAR120 above. When? 0 = not stored post insert 1 = stored post insert
VAR124	2	30	MITIGATION	OTHER	Q16. Has your (agency/dept/office) undertaken or considered undertaking any of these activities? H. Undertaken any other actions that would lessen your organization's risk from an earthquake. 0 = no 1 = yes
VAR125			MITIGATION	TOTAL MITIGATION ACTIONS TAKEN	Total number of earthquake mitigation actions taken. VAR096 + VAR100 + VAR104 + VAR108 + VAR112 + VAR116 + VAR120 Interval level [range: 0 - 7]
VAR126			MITIGATION	TOTAL MITIGATION ACTIONS TAKEN PRIOR TO LOMA PRIETA	Total number of earthquake mitigation actions taken prior to Loma Prieta. VAR097 + VAR101 + VAR105 + VAR109 + VAR113 + VAR117 + VAR121 Interval level [range: 0 - 7]
VAR127			MITIGATION	TOTAL MITIGATION ACTIONS TAKEN POST LOMA PRIETA BUT PRE INSERT	Total number of earthquake mitigation actions taken post Loma Prieta but pre insert. VAR098 + VAR102 + VAR106 + VAR110 + VAR114 + VAR118 + VAR122 Interval level [range: 0 - 7]
VAR128			MITIGATION	TOTAL MITIGATION ACTIONS TAKEN POST INSERT	Total number of earthquake mitigation actions taken post insert. VAR099 + VAR103 + VAR107 + VAR111 + VAR115 + VAR119 + VAR123 Interval level [range: 0 - 7]

VARIABLE NUMBER	LINE NUMBER	POSITION NUMBER	CONCEPT	VARIABLE	QUESTION AND MEASURE
VAR129			MITIGATION AND PREPAREDNESS	TOTAL MITIGATION AND PREPAREDNESS ACTIONS TAKEN	Total number of earthquake mitigation and preparedness actions taken. VAR091 + VAR125 Interval level [range: 0 - 14]
VAR130			MITIGATION AND PREPAREDNESS	TOTAL MITIGATION AND PREPAREDNESS ACTIONS TAKEN PRIOR TO LOMA PRIETA	Total number of earthquake mitigation actions and preparedness actions taken prior to Loma Prieta. VAR092 + VAR126 Interval level [range: 0 - 14]
VAR131			MITIGATION AND PREPAREDNESS	TOTAL MITIGATION AND PREPAREDNESS ACTIONS TAKEN POST LOMA PRIETA BUT PRE INSERT	Total number of earthquake mitigation actions and preparedness actions taken post Loma Prieta and pre insert. VAR093 + VAR127 Interval level [range: 0 - 14]
VAR132			MITIGATION AND PREPAREDNESS	TOTAL MITIGATION AND PREPAREDNESS ACTIONS TAKEN POST INSERT	Total number of earthquake mitigation actions and preparedness actions taken post insert. VAR094 + VAR128 Interval level [range: 0 - 14]
VAR133			MITIGATION AND PREPAREDNESS	TOTAL MITIGATION AND PREPAREDNESS ACTIONS TAKEN	Total number of earthquake mitigation actions and preparedness actions taken pre L.P., post L.P. but pre insert, post insert. VAR130 + VAR131 + VAR132 Interval level [range: 0 - 42]
VAR134	2	31	DAMAGE REDUCTION	5 YEAR EFFORT WITHIN AGENCY	Q17. In general, would you say that within the past five years, efforts to reduce earthquake damage within your (agency/dept/office) have increased, remained the same, or decreased? 0 = decreased 1 = stayed the same 2 = increased
VAR135	OUT		DAMAGE REDUCTION	5 YEAR EFFORT WITHIN AGENCY	Same question as VAR134 above. 0 = decreased 1 = stayed the same or increased

VARIABLE NUMBER	LINE NUMBER	POSITION NUMBER	CONCEPT	VARIABLE	QUESTION AND MEASURE
VAR136			DAMAGE REDUCTION	5 YEAR EFFORT WITHIN AGENCY	Same question as VAR134 above. 0 = decreased 1 = increased or stayed the same
VAR137	2	32	DAMAGE REDUCTION	1 1/2 YEAR EFFORT WITHIN AGENCY	Q18. And within the last one-and-a-half years have your efforts increased, remained the same, or decreased, in comparison to what they were earlier in that 5 year period? 0 = decreased 1 = stayed the same 2 = increased
VAR138	OUT		DAMAGE REDUCTION	1 1/2 YEAR EFFORT WITHIN AGENCY	Same question as VAR137 above. 0 = decreased or stayed the same 1 = increased
VAR139			DAMAGE REDUCTION	1 1/2 YEAR EFFORT WITHIN AGENCY	Same question as VAR137 above. 0 = decreased 1 = increased or stayed the same
VAR140	2	33	NETWORK WITHIN REGION	CONTACT POLICE	Q19A1. Here is a checklist containing the names of agencies or organizations in this region. Within the past 1 1/2 years, have any of your (agency's/dept's/office's) personnel been in contact with or worked with representatives from any of these agencies or organizations within your city and county, specifically on earthquake matters? 0 = not circled 1 = contacted city police department

VARIABLE NUMBER	LINE NUMBER	POSITION NUMBER	CONCEPT	VARIABLE	QUESTION AND MEASURE
VAR141	2	34	NETWORK WITHIN REGION	CONTACT SHERIFF	Q19A2. Here is a checklist containing the names of agencies or organizations in this region. Within the past 1 1/2 years, have any of your (agency's/dept's/office's) personnel been in contact with or worked with representatives from any of these agencies or organizations within your city and county, specifically on earthquake matters? 0 = not circled 1 = contacted county sheriff dept
VAR142	2	35	NETWORK WITHIN REGION	CONTACT CITY PLANNING/ZONING DEPARTMENT	Q19A3. Same question as VAR141 above. 0 = not circled 1 = contacted city planning/zoning dept.
VAR143	2	36	NETWORK WITHIN REGION	CONTACT COUNTY PLANNING/ZONING	Q19A4. Same question as VAR141 above. 0 = not circled 1 = contacted county planning/zoning dept
VAR144	2	37	NETWORK WITHIN REGION	CONTACT CITY BUILDING DEPT	Q19A5. Same question as VAR141 above. 0 = not circled 1 = contacted city building department
VAR145	2	38	NETWORK WITHIN REGION	CONTACT COUNTY BUILDING DEPT	Q19A6. Same question as VAR141 above. 0 = not circled 1 = contacted county building dept.
VAR146	2	39	NETWORK WITHIN REGION	CONTACT MAYOR'S OFFICE	Q19A7. Same question as VAR141 above. 0 = not circled 1 = contacted mayor's office
VAR147	2	40	NETWORK WITHIN REGION	CONTACT CITY MANAGER'S OFFICE	Q19A8. Same question as VAR141 above. 0 = not circled 1 = contacted city manager's office
VAR148	2	41	NETWORK WITHIN REGION	CONTACT COUNTY ADMINISTRATOR'S OFFICE	Q19A9. Same question as VAR141 above. 0 = not circled 1 = contacted county administrator
VAR149	2	42	NETWORK WITHIN REGION	CONTACT COUNTY BOARD OF SUPERVISORS	Q19A10. Same question as VAR141 above. 0 = not circled 1 = contacted county board of supervisors

VARIABLE NUMBER	LINE NUMBER	POSITION NUMBER	CONCEPT	VARIABLE	QUESTION AND MEASURE
VAR150	2	43	NETWORK WITHIN REGION	CONTACT CITY FINANCE DEPT	Q19A11. Within the past 1 1/2 years, have any of your (agency's/dept's/office's) personnel been in contact with or worked with representatives from any of these agencies or organizations within your city and county, specifically on earthquake matters? 0 = not circled 1 = contacted city finance department
VAR151	2	44	NETWORK WITHIN REGION	CONTACT COUNTY FINANCE DEPT	Q19A12. Same question as VAR150 above. 0 = not circled 1 = contacted county finance dept
VAR152	2	45	NETWORK WITHIN REGION	CONTACT CITY FIRE DEPARTMENT	Q19A13. Same question as VAR150 above. 0 = not circled 1 = contacted city fire department
VAR153	2	46	NETWORK WITHIN REGION	CONTACT COUNTY FIRE DEPARTMENT	Q19A14. Same question as VAR150 above. 0 = not circled 1 = contacted county fire department
VAR154	2	47	NETWORK WITHIN REGION	CONTACT CITY OFFICE OF EMERGENCY SERVICE	Q19A15. Same question as VAR150 above. 0 = not circled 1 = contacted city office of emergency services
VAR155	2	48	NETWORK WITHIN REGION	CONTACT COUNTY OFFICE OF EMERGENCY SERVICE	Q19A16. Same question as VAR150 above. 0 = not circled 1 = contacted county office of emergency services
VAR156	2	49	NETWORK WITHIN REGION	CONTACT HOSPITALS	Q19A17. Same question as VAR150 above. 0 = not circled 1 = contacted hospitals
VAR157	2	50	NETWORK WITHIN REGION	CONTACT CITY HEALTH DEPARTMENT	Q19A18. Same question as VAR150 above. 0 = not circled 1 = contacted city health department
VAR158	2	51	NETWORK WITHIN REGION	CONTACT COUNTY HEALTH DEPARTMENT	Q19A19. Same question as VAR150 above. 0 = not circled 1 = contacted county health department

